Neifeld Docket No: AMOI0010U-US

Application/Patent No: 10/724,852 USPTO CONFIRMATION NO: 2156

File/Issue Date: 12/1/2003

haventor/title: Piers/Multifocal Opthalmic Lens

Examiner/ArtUnit: 3738/Izquierdo

37 CFR 1.98(A)(1) Reference Citation

LISTING OF UNITED STATES PATENTS - U series

EXAMI NER INITIAL S	REFERENCE NUMBER (U SERIES)	PATENT NUMBER	ISSUE DATE	NAME OF PATENTEE OR APPLICANT	PAGE/LINE AND FIGURE/ELEMENT OF RELEVANT MATERIAL AND OR IDENTIFICATION OF PRIORITY APPLICATION IN WHICH REFERENCE IS CITED ("Of Record" indicates that the reference is already of record.)
	U-001	3722986	Mar-73	Tagnon	O Record
	U-002	4460275	Jul-84	Spriggs	Of Record
	U-003	4504892	Mar-85	Zulfilar	Of Record
	U-004	4606626	Aug-86	Shinohara	Of Record
	U-005	4637697	1/1/1987	Freeman	Of Record
	U-006	4641934	2/1/1987	reeman	Of Record
	U-007	4642112	2/10/1987	Freeman	Of Record
	U-008	4655565	4/1/19/7	Freeman	Of Record
	U-009	4710193	12/1/1987	Volk	Of Record
	U-010	4881804	11/1/1989	Cohen	Of Record
	U-011	4881805	11/1/1989	Cohen	of Record
	U-012	4898 61	2/1/1990	Portney	Of Record
	U-013	495714	2/1/1991	Cohen	Of Record
	U-014	5050981	9/1/1991	Roffman	Of Record
	U-015	5056908	10/1/1991	Cohen	Of Record
	U-016	5076684	12/1/1991	Simpson et al.	Of Record
	0-017	5089023	2/1/1992	Swanson	Of Record
	U-018	5089024	2/18/1992	Christie et al.	Of Record
	U-019	5096285	3/1/1992	Silberman	Of Record
	U-020	5100226	3/1/1992	Freeman	Of Record
	U-021	5104212	4/1/1992	Taboury et al.	Of Record

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U-023	5117306	5/1/1992	Cohen	Of Record
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U-026	5178636	1/1/1993	Silberman	Of Record
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U-030	5344447	9/1/1994	Swanson	Of Record
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U-037	5674284	10/1/1997	Change et al.	Of Record
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U-039	5699142	12/1/1997	Lee et al.	Of Record
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U-044	5769871	6/1/1998	Kosoburd et al.	Of Record
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U-049	5968095	10/1/1999	Norrby	Of Record
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	U-071	6830332	12/1/2004	Piers et al.	Of Record
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	U-093	4,504,982	3/19/1985	Kurk	Of Record
	U-094	6,755,524	6/2004	Ruben et al.	Of Record
	U-095	7,111,938	9/26/2006	Andino et al.	Of Record

LISTING OF UNITED STATES PUBLISHED APPLICATIONS - P Series

EXA MIN ER INITI ALS	REFEREN CE NUMBER (P SERIES)	PUBLICATION NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	PAGE/LINE AND FIGURE/ELEMENT OF RELEVANT MATERIAL AND/OR IDENTIFICATION OF PRIORITY APPLICATION IN WHICH REFERENCE CITED ("Of Record" indicates that the reference is already of record.)
N. A.	P-001	2002/0093701	7/1/2002	Zhang et al.	Of Record
•	P -002	2002/0105617	8/1/2002	Norrhy et al.	Of Record
	P-013	2003/0014107	1/1/2003	Reynard	Of Record
	P-004	2003/0063254	4/1/2003	Piers et al.	Of Record
	P-005	004/0080710	4/1/2004	Wooley et al.	Of Record
	P-006	2004/0088050	5/1/2004	Norrhy et al.	Of Record
	P-007	2004/01 8746	7/1/2004	Aharoni et al.	Of Record
	P-008	2004/02522 4	12/1/2004	Morris et al.	Of Record
	P-009	2005/0057720	3/1/2005	Morris et al.	A Record
	P-010	2005/0264757	12/1/2005	Morris et al.	Of Record
	P-011	2006/0004446	1/1/2006	Aharoni et al.	Of Record
	P-012	2006/0139570	6/1/2006	Blum et al.	Of Record
	P-013	2004/0246440	12/2004	Andino e al.	Of Record
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LISTING OF FOREIGN AND INTERNATIONAL PATENT DOCUMENTS - F Series

EXAMINE R INITIALS	REFEREN CE NUMBER (F SERIES)	PUBLICATION NUMBER	PUBLICATION DATE	COUNT RY OR REGION	PAGE/LINE AND FIGURE/ELEMENT OF RELEVANT MATERIAL ("Of Record" indicates that the reference is already of record.)	ENGLISH LANGUAGE TRANSLATI ON ATTACHED? (YES OR NO AND/OR IDENTIFICA TION OF PRIFATTY A PLICATIO IN WHICH REFERENCE IS CITED
	F-00	WO 92/22264	6/1/1992	PCT	Of Record	
	F-002	WO 94/13225	12/1/1992	PCT	Of Record	
	F-003	WQ 97/24639	12/1/1996	PCT	Of Record	
	F-004	WO 98/31299	7/1/1998	PCT	Of Record	
	F-005	WO 99/0 309	7/1/1998	PCT	Of Record	
	F-006	WO 99/2352d	10/1/1998	PCT	Of Recorg	
	F-007	WO 00/76426	12/21/200	PCT	Of Record	
	F-008	WO 01/89424	11/2 /200	PCT	of Record	
	F-009	WO 02/34158	5/2/2002	PCT	Of Record	
	F-010	WO 02/084381	10/1/2002	C T	Of Record	
	F-011	WO 02/088830	11/1/2002	PCT	Of Record	
	F-012	WO 04/013680	7/1/2003	PCT	OrRecord	
	F-013	WO 04/090611	3/1/2004	PCT	Of Record	
	F-014	EP 0 037/529	10/1/1981	ЕР	Of Record	Foreign Languag e w/Englis h Abstract
	F-01	EP 0 335 731	10/1/1989	EP	Of Record	
	F-016	EP 0 342 895	11/1989	EP	Of Record	
	F-017	EP 0 375 291	12/1989	EP	Of Record	
	F-018	EP 0 457 553	11/1991	EP	Of Record	The state of the s
	F-019	EP 0 470 811	2/1992	EP	Of Record	
9	F-020	EP 0 605 841	7/1994	EP	Of Record	

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	F-021	EP 0 681 198	11/1995	EP	Of Record
	F-022	EP 1 376 203	1/2004	EP	Of Record

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LISTING OF NON PATENT LITERATURE - O Series

EXAMI NER INITIAL S	REFEREN CE NUMBER (O Series)	PUBLI CATIO N DATE	INCLUDE IN SEQUENCE: Name of first author (in CAPITAL LETTERS), Title in quotation marks, name of publication, date or publication, page numbers, publisher, city of publication, and country of publication	ENGLISH LANGUAGE TRANSLATION ATTACHED? (YES OR NO) AND/OR OR DENTIFICATION OF PRIORITY APPLICATION D WHICH REFERENCE IS CITED ("Of Reford" indicates that the reference is already of record.)
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	O-002		Atchison. Optical design of intraocular lenses. II. On-axis performance, Optometry & Vision Science. Vol. 66, No. 9, pp. 579-590.	Of Record
	O-003		Atchison. Optical design of intraocular lenses. III. On-axis performance, Optometry & Vision Science. Vol. 66, No. 10, pp. 671-681.	Of Record
	O-004		Atchison. Refrective errors induced by displacement of intraocular lenses within the pseudophakic eye. Optometry & Vision Science. Vol. 66, No. 3, pp. 146-152.	Of Record
	O-005		Atchison. Third-order aberrations of pseudophakic eyes. Ophthal. Physiol. Opt. April 1989. Vol. 9, pp. 205-211.	Of Record
	O-006		Bonnet, et al. New method of top graphical ophthal mometry-its theoretical and clinical applications. American Journal of Optometry and Arghives of American Academy of Optometry. May 1962. Vol. 39, No. 5, pp. 227-251.	Of Record
	O-007		Guillon et al. Corneal topography: a clinical model. Ophthal. Physiol. Opt. 1986. Vol. 6, No. 1, pp. 47-56.	Of Record
	O-008		El Hage et al. Contribution of the crystalline lens to the spherical aberration of the eye. <u>Journal of the Optical Society of America</u> . February 1973. Vol. 63, No. 2, pp. 205-211.	Of Record
	O-009		Kiely et al. The mean shape of the human cornea. Optica ACTA. 1982. Vol. 29, No. 8, pp. 1027-1040.	Of Record

O-010	Lindsay, et al. Descriptors of corneal shape. <u>Optometry and Vision Science</u> . February 1998. Vol. 75, No. 2, pp. 156-158.	Of Record
O-011	Lotmar. Theoretical eye model with aspherics. Journal of the Optical Society of America. November 1971. Vol. 61, No. 11, pp. 1522-1529.	Of Record
O-012	Mandell, O.D. Ph.D., et al. Mathmatical model of the corneal contour, School of Optometry, University of California, Berkeley. pp. 183-197	Of Record
O-013	Smith et al. The spherical aberration of intra ocular lenses. Ophthal. Physiol. Opt. July 1988. Vol. 8, pp. 287 294.	Of Record
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O-015	Alvarez, S. L. et al. Spectral threshold: measurement and clinical applications, <u>British Journal of Ophthalmology</u> , 67, 1983 pp. 504-507.	Of Record
O-016	Cohen, A. L. Practical design of a bifocal hologram contact lens or intraccular lens, <u>Applied Optics</u> , Vol. 31, No. 19, July 1, 1992, pp. 3750-3754.	Of Record
O-017	Dwyer, W. O et al. Racial differences in color vision: do they exist? <u>American Journal of Optometry & Physiological Optics</u> Vol. 52, March 1975, pp. 224-229.	Of Record
O-018	Geyn-Young, Y et al. Visual performance after correcting the monochromatic and chromatic aberrations of the eye, <u>Journal of the Optical Society of America</u> , Vol. 19, No. 2, February 2002, pp. 266-275.	Of Record
O-019	Griswold M. S. et al. Scotopic spectral sensitivity of phakic and aphakic observers extending into the near ultraviolet, <u>Vision Res.</u> , Vol. 32, No. 9, 1992, pp. 1739-1743.	Of Record
O-020	Guirao, A. et al. Corneal wave aberration from videokeratography: accuracy and limitations of the procedure, <u>Journal of the Optical Society of America</u> , Vol. 17, No. 6, June 2000, pp. 955-965.	Of Record

O-021	Kokoschka, S. et al. Influence of field size on the spectral sensitivity of the eye in the photopic and mesopic range, <u>American Journal of Optometry & Physiological Optics</u> , Vol. 62, No. 2, 1985, pp. 119-126.	Of Record
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O-025	Smith Kinney, J. A. Sensitivity of the eye to spectral radiation at scotopic and mesopic intensity levels, <u>Journal of the Optical Society of America</u> , Vol. 45, No. 7, July 1955, pp. 507-514.	Of Record
O-026	Said, F. S. et al. The variation with age of the spectral transpassivity of the viving human crystalline lens, Gerontologia, 3, 1959, pp. 213-231.	Of Record
O-027	Thibos, <i>L.</i> N. et al. The chromatic eye: a new reduced-eye model of ocular chromatic aberration in humans, <u>Applied Optics</u> , Vol. 31, No. 19, July 1, 1992, pp. 3594-3600.	Of Record
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0-029	Verriest, G. The spectral curve of relative luminous efficiency in different age groups of aphakic eyes, Mod. Probl. Ophthal., Vol. 13, 1973, pp. 314-317.	Of Record
O-030	Artal et al. (November 1, 1998). Contributions of the cornea and the lens to the aberrations of the human eye. Optics Letters. Vol. 23, No. 21, pp. 1713-1715.	Of Record

O-031	Glasser et al. (1998). Presbyopia and the optical changes in the human crystalline lens with age. <u>Vision Res.</u> Vol. 38, No. 2, pp. 209-229.	Of Record
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O-037	Atchison. (April 1991). Design of aspheric intraocular lens. Ophthal, Physiol Opt. Vol. 11, pp. 137-146	Of Record
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	/WM/	O-052	1/14 /200 8	Listing of claims 2-26 filed 1/14/2008 in application no. 11/426,196, filed 6/23/2006.			
	/WM/	O-053	4/11 /200 7	Listing of claims 1-21 filed 9/4/2007 in application no. 11/734,238, filed 4/11/2007.			
	Date:	04/14/20	08	Examiner's Signature: /William Matthews/			

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